FIRE LOSSES IN BRITISH COLUMBIA IN 1983

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FIRE LOSSES IN 1983

Eighty-three persons died and 404 were injured as a result of 7,724 fires in 1983, causing a total dollar loss of $131,659,496. The losses for the last five years have been as follows:

Year	No. of Fires	$ Loss (millions)	$ Loss (Millions) Adjusted for Inflation to 1981 Constant $	Number Injured	Number Dead
1983	7,724	131.7	112.9	404	83
1982	7,623	157.3	142.4	375	73
1981	7,023	115.7	115.7	244	76
1980	7,605	108.7	124.2	305	77
1979	7,655	105.9	132.4	444	125

The average loss per fire for the province in 1983 was $17,046 and the per capita loss was $46.62. There was an average of 2.74 fires for every 1,000 persons in British Columbia.

Fire Fatalities

Forty-seven men, 20 women and 16 children lost their lives as a result of fire last year. Eight of these 83 deaths occurred on Indian reserves.

- 12 children that died from fire were 10 years old or younger.
- 35 fire fatalities resulted from careless smoking.
- at least 10 persons who died were impaired by alcohol, drugs or medication.
- 4 persons were killed as a result of set fires.
- 39 persons who died from fire were asleep at the time of the fire.

Residential Fires

Thirty-four percent of fires were in one and two family dwellings, resulting in a total loss of $42 million. A further 7.7 percent of the fires were in apartment buildings with a loss of $7.6 million. These two residential categories accounted for 41.7 percent of the total number of fires and 37.7 percent of the total 1983 fire losses in the province.

Seventy-three of the 83 fire fatalities, or 88%, occurred in residential fires, including hotels and mobile homes. Thirty-four of the 52 fire deaths in one or two family dwellings, and 8 of the 13 fire deaths in apartment buildings, occurred between 10 p.m. and 7 a.m.

The fire experience in one and two family dwellings and apartment buildings indicates significant differences between the two groups. See chart below. Asterisks highlight differences.

Comparison of One and Two Family Dwellings and Apartment Fire Incidents

	1- and 2-Family	Apartment Building
Cooking Fires	651	125
As a percentage of all fires in property group	24.4%	21.0%
As a percentage of total $ loss in property group	10.7%	6.7%
No. of fatalities over total in property group	6/52	1/13
Heating Equipment Fires	630	27
As a percentage of all fires in property group	23.6%	4.5% *
As a percentage of total $ loss in property group	20.6%	3.0% *
No. of fatalities over total in property group	8/52	1/13
Smokers Material Fires	232	159
As a percentage of all fires in property group	8.7%	26.8% *
As a percentage of total $ loss in property group	7.7%	15.4%
No. of fatalities over total in property group	22/52	11/13
Arson Fires	297	138
As a percentage of all fires in property group	11.1%	23.3% *
As a percentage of total $ loss in property group	15.0%	52.7% *
No. of fatalities over total in property group	3/52	0/13

Heating equipment fires accounted for almost 24% of the fires in one and two family dwellings, but only 4% in apartment building fires.

Of all heating equipment fires in one and two family dwellings, over 72% were related to the use of solid-fuel. The igniting objects (sources of ignition) for these solid-fuel fires were:

Igniting Object	Fires	Injuries	Dead	$ Loss
Central heating unit	12		1	192,510
Space heater	82	4	1	1,643,243
Fireplace	180	1		1,720,323
Masonry chimney	80			563,333
Factory-built metal chimney	75	3		1,016,802
Flue connector	18			179,127
Heating equipment - other	10			66,172
	457	8	2	5,381,510

Smokers materials accounted for about 9% of one and two family dwelling fires but 27% for apartment fires. Smokers material accounted for only 42% of the fatalities in one and two family dwellings, but 85% of the fatalities in apartments.

The rate of arson in apartment buildings was twice that in one and two family dwellings.

Educational Institutions

There were 63 fires in educational institutions in 1983 resulting in a loss of $3.9 million. The number of fires in educational institutions has been reducing since 1979.

Year	Number	$ Loss (million)	$ Loss (million) Adjusted by C.P.I.
1983	63	3.9	3.3
1982	77	3.6	3.3
1981	84	1.8	1.8
1980	94	8.3	9.5
1979	125	9.3	11.6

Although fire losses in educational institutions are generally down from the high of 1979, it should be noted that in 1983, 96% of the dollar losses in such fires were the result of set fires. This high percentage is consistent with previous years.

Automobile Fires

There were 1,775 automobile fires in British Columbia in 1983. These fires accounted for 23 percent of the number of fires in 1983 causing a loss of about $3.2 million.

Large Loss Fires

There were 51 fires in which the individual losses exceeded $250,000 each. Although they accounted for less than 1.0 percent of the total fires, they were responsible for $48.4 million, constituting 37 percent of the province's annual dollar losses. Forty-three percent of the fires in this large loss category were 'set' fires causing a loss of $20.4 million.

Arson

1,562 fires out of the total 7,724 (20.2%) fires in 1983 were deliberately set, causing a loss of $38 million (29% of dollar losses). In 1982, 1,465, or 19.2% of total fires were 'set' and caused a loss of $49.3 million (31% of dollar loss).

586 of the 1,562 (37%) arson incidents were classified as vandalism or mischief. This category has historically accounted for the bulk of arson incidents. A breakdown of the arson incidents is as follows:

Act or Omission	Incidents	Injured	Dead	$ Loss (million)
Arson for financial gain	34	1	3	2.5
Arson as a cover-up crime	165	2		4.3
Arson for revenge, spite	29	1		0.6
Arson - mental disorder, suicide	24	4	1	0.3
Arson - vandalism, mischief	586	8		8.7
Arson - intimidation	3			0.7
Arson - motive unknown	466	34		11.5
Suspected Arson - motive unknown	255	5	1	9.4
	1,562	55	5	38.0

The frequency of arson is heaviest in the urban areas: 39% of fires in Vancouver (city) were arson compared to 8% in the Kootenays and 13% in the interior and northern regions.

Gordon R. Anderson
Fire Commissioner

FIRE LOSSES IN MUNICIPAL AND NON-MUNICIPAL AREAS, 1983

Location	Population	Fires	Injured	Dead	$ Loss	Loss/Fire	Per Capita Loss	Fires/1000 Persons
MUNICIPALITIES								
Abbotsford	13,473	64	5	0	1,156,371	18,068	85.83	4.75
Alert Bay	650	0	0	0	0			0.00
Armstrong	2,748	5	0	0	24,807	4,961	9.03	1.82
Ashcroft	2,104	6	0	0	87,655	14,609	41.66	2.85
Belcarra	461	0	0	0	0			0.00
Burnaby	139,351	379	31	1	3,294,127	8,692	23.64	2.72
Burns Lake	1,788	6	0	0	82,000	13,667	45.86	3.36
Cache Creek	1,344	5	0	5	49,186	9,837	36.60	3.72
Campbell River	16,411	37	5	1	1,175,621	31,774	71.64	2.25
Castlegar	6,924	23	0	0	217,659	9,463	31.44	3.32
Central Saanich	10,654	1	0	0	3,000	3,000	0.28	0.09
Chase	1,936	4	0	0	96,216	24,054	49.70	2.07
Chetwynd	2,912	3	1	0	104,778	34,925	35.98	1.03
Chilliwack	41,242	115	3	0	1,608,250	13,985	39.00	2.79
Clinton	828	0	0	0	0			0.00
Coldstream	7,043	6	0	0	22,436	3,739	3.19	0.85
Comox	6,698	17	0	0	145,631	8,567	21.74	2.54
Coquitlam	63,631	128	1	0	877,326	6,854	13.79	2.01
Courtenay	9,729	38	0	0	159,285	4,192	16.37	3.91
Cranbrook	16,513	24	1	0	186,138	7,756	11.27	1.45
Creston	4,304	22	1	0	62,080	2,822	14.42	5.11
Cumberland	2,045	3	0	0	1,650	550	0.81	1.47
Dawson Creek	11,427	29	2	1	520,081	17,934	45.51	2.54
Delta	75,639	137	10	1	1,692,088	12,351	22.37	1.81
Duncan	4,328	26	0	0	96,692	3,719	22.34	6.01
Elkford	4,108	4	0	0	84,800	21,200	20.64	0.97
Enderby	1,862	7	0	0	174,300	24,900	93.61	3.76
Esquimalt	16,163	21	0	0	89,871	4,280	5.56	1.30
Fernie	5,712	17	1	0	97,012	5,707	16.98	2.98
Fort Nelson	3,663	19	3	0	382,915	20,153	104.54	5.19
Fort St. James	2,314	4	2	0	233,600	58,400	100.95	1.73
Fort St. John	14,174	54	4	0	575,980	10,666	40.64	3.81
Fraser Lake	1,564	5	2	0	52,160	10,432	33.35	3.20
Fruitvale	1,944	3	0	0	179,000	59,667	92.08	1.54
Gibsons	2,693	9	0	0	126,608	14,068	47.01	3.34
Gold River	2,238	10	0	0	140,163	14,016	62.63	4.47
Golden	3,430	4	3	0	61,080	15,270	17.81	1.17
Grand Forks	3,434	3	0	0	7,900	2,633	2.30	0.87
Granisle	1,266	4	0	0	253,000	63,250	199.84	3.16
Greenwood	887	1	0	0	85,000	85,000	95.83	1.13
Harrison Hot Springs	576	2	0	0	31,852	15,926	55.30	3.47
Hazelton	411	1	0	0	5,000	5,000	12.17	2.43
Hope	3,248	1	0	0	1,217	1,217	0.37	0.31
Houston	3,947	8	0	1	47,000	5,875	11.91	2.03
Hudson's Hope	1,215	2	0	0	731,708	365,854	602.23	1.65
Invermere	2,087	2	0	0	14,350	7,175	6.88	0.96
Kamloops	64,434	188	12	1	2,136,809	11,366	33.16	2.92
Kaslo	906	6	0	0	114,654	19,109	126.55	6.62
Kelowna	60,827	138	3	6	970,779	7,035	15.96	2.27
Kent	3,654	7	0	0	234,578	33,511	64.20	1.92
Keremeos	863	3	0	0	6,140	2,047	7.11	3.48
Kimberley	7,358	15	0	0	158,811	10,587	21.58	2.04
Kitimat	13,097	38	2	0	439,398	11,563	33.55	2.90
Ladysmith	4,586	10	1	0	256,547	25,655	55.94	2.18
Lake Cowichan	2,509	12	0	0	123,602	10,300	49.26	4.78
Langley	15,630	59	3	0	264,216	4,478	16.90	3.77
Langley	47,071	123	11	2	967,574	7,866	20.56	2.61
Lillooet	1,753	4	0	0	243,907	60,977	139.14	2.28
Lions Bay	1,108	1	0	0	90	90	0.08	0.90
Logan Lake	2,812	4	0	0	10,487	2,622	3.73	1.42
Lumby	1,362	5	0	0	348,226	69,645	255.67	3.67
Lytton	416	1	0	0	12,862	12,862	30.92	2.40
Mackenzie	5,953	25	0	1	188,842	7,554	31.72	4.20
Maple Ridge	32,586	94	1	0	1,634,750	17,391	50.17	2.88
Masset	1,485	3	1	0	31,950	10,650	21.52	2.02
Metaqui	46,793	133	10	0	4,750,334	35,717	101.52	2.84
McBride	645	3	0	0	55,500	18,500	86.05	4.65
Merritt	6,098	16	1	0	1,014,139	63,384	166.31	2.62
Midway	656	0	0	0	0			0.00
Nanaimo	20,472	59	8	1	920,600	15,603	44.97	2.88
Montrose	1,245	0	0	0	0			0.00
Nakusp	1,478	1	0	0	3,333	3,333	2.26	0.68
Nanaimo	49,347	149	6	2	3,321,314	22,291	67.31	3.02
Nelson	9,592	12	3	0	331,807	27,651	34.59	1.25
New Denver	664	0	0	0	0			0.00
New Hazelton	753	0	0	0	0			0.00
New Westminster	38,605	204	4	3	831,812	4,078	21.55	5.28
North Cowichan	18,761	49	3	1	674,989	13,775	35.98	2.61
North Saanich	6,332	9	0	0	40,982	4,554	6.47	1.42
North Vancouver City	34,245	74	4	2	356,537	4,818	10.41	2.16

FIRE LOSSES IN MUNICIPAL AND NON-MUNICIPAL AREAS, 1983

Location	Population	Fires	Injured	Dead	$ Loss	Loss/Fire	Per Capita Loss	Fires/1000 Persons
North Vancouver Dist.	65,031	163	16	3	858,907	5,269	13.21	2.51
Oak Bay	16,862	44	1	0	308,637	7,014	18.30	2.61
Oliver	1,975	10	0	0	313,925	31,393	158.95	5.06
One Hundred Mile House	1,936	10	0	0	65,798	6,580	33.99	5.17
Osoyoos	2,866	3	0	2	132,083	44,028	46.09	1.05
Parksville	5,601	18	0	1	311,586	17,310	55.63	3.21
Peachland	3,052	12	0	1	271,295	22,608	88.89	3.93
Pemberton	324	3	0	0	9,000	3,000	27.78	9.26
Penticton	24,142	59	6	0	2,376,480	40,279	98.44	2.44
P.tt Meadows	7,667	12	0	0	83,072	6,923	10.84	1.57
Port Alberni	19,555	79	5	0	601,322	7,612	30.75	4.04
Port Alice	1,579	1	0	0	10,000	10,000	6.33	0.63
Port Clements	428	0	0	0	0			0.00
Port Coquitlam	28,097	59	3	0	572,389	9,702	20.37	2.10
Port Edward	859	3	0	0	5,761,500	1,920,500	6,707.22	3.49
Port Hardy	5,703	8	0	0	146,000	18,250	25.60	1.40
Port McNeill	2,482	3	1	0	76,200	25,400	30.70	1.21
Port Moody	14,803	18	0	0	39,004	2,167	2.63	1.22
Pouce Coupe	826	0	0	0	0			0.00
Powell River	13,305	19	1	0	118,932	6,260	8.94	1.43
Prince George	68,628	263	5	4	4,004,946	15,228	58.36	3.83
Prince Rupert	16,786	29	0	0	2,077,444	71,636	123.76	1.73
Princeton	2,973	6	0	0	110,250	18,375	37.08	2.02
Qualicum Beach	3,192	5	0	0	5,158	1,032	1.62	1.57
Quesnel	6,666	30	0	0	134,388	4,480	15.51	3.46
Revelstoke	8,794	22	1	0	558,922	25,406	63.56	2.50
Richmond	99,982	198	6	0	4,349,714	21,968	43.50	1.98
Rossland	4,018	6	0	0	34,942	5,824	8.70	1.49
Saanich	79,067	149	6	2	744,577	4,997	9.42	1.88
Salmo	1,166	4	0	0	61,900	15,475	53.09	3.43
Salmon Arm	11,454	34	1	0	343,462	10,102	29.99	2.97
Sayward	520	7	4	0	90,200	12,886	173.46	13.46
Sechelt	1,245	6	0	0	172,500	28,750	138.55	4.82
Sidney	8,452	11	2	0	144,922	13,175	17.15	1.30
Silverton	274	0	0	0	0			0.00
Slocan	350	1	0	0	12,344	12,344	35.27	2.86
Smithers	4,939	10	0	2	1,133,645	113,365	229.53	2.02
Spallumcheen	4,511	2	0	0	72,000	36,000	15.96	0.44
Sparwood	4,947	12	1	0	657,377	54,781	132.88	2.43
Squamish	10,337	34	2	0	299,720	8,815	28.99	3.29
Stewart	1,676	0	0	0	0			0.00
Summerland	7,704	11	0	0	94,337	8,576	12.25	1.43
Surrey	160,683	399	9	9	4,713,912	11,814	29.34	2.48
Tahsis	1,726	0	0	0	0			0.00
Taylor	895	2	0	0	4,200	2,100	4.69	2.23
Telkwa	839	1	0	0	40,000	40,000	47.68	1.19
Terrace	10,980	32	1	1	237,565	7,424	21.64	2.91
Tofino	721	0	0	0	0			0.00
Trail	9,063	5	0	0	87,300	17,460	9.63	0.55
Tumbler Ridge	3,500	16	0	0	62,522	3,908	17.86	4.57
Ucluelet	1,574	7	1	0	118,000	16,857	74.97	4.45
Valemount	1,209	4	0	0	63,690	15,923	52.68	3.31
Vancouver	416,378	1,424	123	8	18,086,912	12,701	43.44	3.42
Vanderhoof	3,745	13	0	0	572,103	44,008	152.76	3.47
Vernon	20,508	59	0	0	1,525,233	25,851	74.37	2.88
Victoria	65,258	169	17	2	2,299,436	13,606	35.24	2.59
Warfield	1,949	0	0	0	0			0.00
West Vancouver	35,479	81	7	0	731,506	9,031	20.62	2.28
Whistler	1,930	11	0	0	45,686	4,153	23.67	5.70
White Rock	13,591	19	1	0	268,068	14,109	19.72	1.40
Williams Lake	10,480	50	1	0	984,247	19,685	93.92	4.77
Zeballos	292	1	0	0	12,000	12,000	41.10	3.42
NON - MUNICIPAL AREAS BY REGIONAL DISTRICTS								
Alberni-Clayoquot	10,323	33	1	0	2,811,438	85,195	272.35	3.20
Bulkley-Nechako	19,312	72	1	1	3,282,973	45,597	170.00	3.73
Capital	52,538	107	4	2	1,236,576	11,557	23.54	2.04
Cariboo	40,605	151	3	5	2,982,255	19,750	73.45	3.72
Central Coast	3,188	16	0	1	736,603	46,038	231.05	5.02
Central Fraser Valley	496	2	0	0	741	371	1.49	4.03
Central Kootenay	27,918	58	6	1	1,385,573	23,889	49.63	2.08
Central Okanagan	24,203	13	0	0	359,620	27,663	14.86	0.54
Columbia-Shuswap	19,124	56	0	0	1,693,995	30,250	88.58	2.93
Comox-Strathcona	32,051	78	1	0	1,696,957	21,756	52.95	2.43
Cowichan Valley	24,133	51	0	0	834,467	16,362	34.58	2.11
Dewdney-Alouette	3,693	5	0	0	156,590	31,318	42.40	1.35
East Kootenay	16,642	55	0	0	8,380,211	152,367	503.56	3.30
Fraser-Cheam	9,412	42	1	1	546,644	13,015	58.08	4.46
Fraser-Fort George	14,224	64	1	5	1,793,566	28,024	126.09	4.50

FIRE LOSSES IN MUNICIPAL AND NON-MUNICIPAL AREAS, 1983

Location	Population	Fires	Injured	Dead	$ Loss	Loss/Fire	Per Capita Loss	Fires/1000 Persons
Greater Vancouver	9,190	51	0	0	494,834	9,703	53.84	5.55
Kitimat-Stikine	16,572	40	3	1	772,741	19,319	46.63	2.41
Kootenay Boundary	9,917	16	0	0	303,550	18,972	30.61	1.61
Mount Waddington	4,951	20	0	0	461,710	23,086	93.26	4.04
Nanaimo	22,667	59	2	0	773,778	13,115	34.14	2.60
North Okanagan	18,465	42	4	0	2,112,322	50,293	114.40	2.27
Okanagan-Similkameen	19,410	39	2	1	739,452	18,960	38.10	2.01
Peace River-Liard	18,291	102	0	2	2,125,579	20,839	116.21	5.58
Powell River	5,966	24	0	0	421,496	17,562	70.65	4.02
Skeena-Queen Charlotte	4,986	11	2	0	287,700	26,155	57.70	2.21
Squamish-Lillooet	5,251	20	0	1	416,726	20,836	79.36	3.81
Stikine	2,220	2	0	0	312,800	156,400	140.90	0.90
Sunshine Coast	12,319	27	2	0	622,335	23,049	50.52	2.19
Thompson-Nicola	23,073	107	2	3	1,421,844	13,288	61.62	4.64
PROVINCE OF B.C.	2,823,929	7,724	404	88	131,659,496	17,046	46.62	2.74

FIRE LOSSES AND CASUALTIES BY MONTH, 1983

MONTH	FIRES	$ LOSS	INJURED	DEAD
January	617	8,323,228	34	9
February	503	11,111,032	43	6
March	625	9,362,932	52	1
April	647	15,960,851	42	6
May	693	12,874,025	28	6
June	608	6,171,261	27	2
July	659	9,870,445	39	7
August	645	9,198,909	22	4
September	634	8,921,260	29	7
October	665	8,840,183	19	11
November	582	11,550,134	29	6
December	846	19,475,236	40	18
1983 Total	7,724	131,659,496	404	83

STATUS, AGE AND SEX OF CASUALITIES, 1983

	FIRES	INJURED	DEAD
STATUS OF CASUALTY			
Firefighter	55	86	
Civilian	300	318	83
AGE OF CASUALTY			
Age Unknown	34	43	1
Birth - 2 years	9	7	2
3 - 4 years	5		5
5 - 6 years	4	1	3
7 - 8 years	2	1	1
9 - 10 years	1		1
11 - 12 years	4	5	
13 - 14 years	1	2	
15 - 16 years	3	2	2
17 - 18 years	12	10	2
19 - 20 years	18	14	5
21 - 30 years	100	97	21
31 - 40 years	88	93	10
41 - 50 years	57	55	8
51 - 60 years	55	50	9
61 - 70 years	14	9	6
71 - 80 years	14	12	3
81 - 90 years	6	3	3
Over 90 years	1		1
SEX OF CASUALTY			
Male	269	302	56
Female	108	102	27

	Incidents	Injured	Dead	$ Loss
ACT OR OMISSION				
Incendiary or Set Fires				
Arson or Set Fire - Financial Gain	34	1	3	$2,549,177
Arson or Set Fire - Cover-Up Crime	165	2	0	$4,312,940
Arson or Set Fire - Revenge, Spite	29	1	0	$575,945
Arson or Set Fire - Mental Disorder, Attempted Suicide, Suicide	24	4	1	$282,549
Arson or Set Fire - Vandalism, Mischief	586	8	0	$8,704,967
Arson or Set Fire - Intimidation	3	0	0	$752,500
Arson or Set Fire - Motive Unknown or Unclassified	466	34	0	$11,470,591
Suspected Set Fire - Motive Unknown or Unclass.	255	5	1	$9,403,452
Misuse of Source of Ignition				
Smokers' Material	522	56	28	$5,296,092
Thawing	36	1	0	$288,643
Inadequate Control of "Open" Fire	80	1	1	$1,0[illegible],407
Child Playing With	167	5	0	$2,076,108
Welding or Cutting Too Close	46	1	0	$925,085
Torch Too Close	40	0	0	$274,135
Misuse of Source of Ignition - Unclassified	63	2	2	$499,593
Misuse of Material Ignited				
Fuel Spilled Accidentally	42	9	1	$446,428
Improper Fuelling Technique	20	7	1	$378,210
Flammable Liquid to Kindle Fire	3	2	0	$6,750
Cleaning, Washing Parts	14	0	0	$36,411
Improper Container, Metal	7	0	0	$113,329
Improper Container, Plastic	5	2	0	$57,067
Combustible Placed Too Close to Heat	108	4	6	$1,989,131
Improper Storage	36	5	0	$761,504
Misuse of Material Ignited - Unclassified	49	12	0	$471,064
Mechanical or Electrical Failure				
Part Failure, Leak, Break	788	13	0	$3,426,971
Automatic Control Failure	76	1	0	$2,576,332
Manual Control Failure	7	0	0	$35,650
Electrical Short Circuit	697	13	0	$8,272,427
Part Worn Out	30	1	0	$108,817
Mechanical or Electrical Failure - Unclassified	355	4	1	$3,160,182
Construction, Design or Installation Deficiency				
Design Deficiency	36	2	0	$765,285
Construction Deficiency	74	0	0	$811,995
Installed Too Close To Combustible	127	3	2	$1,578,441
Other Installation Deficiency	45	2	0	$838,974
Overfusing	1	0	0	$500
Suspected Faulty Connections Involving Aluminum Wiring	5	0	0	$37,300
Suspected Faulty Connections Involving Copper Wiring	14	0	0	$445,027
Construction, Design or Installation Deficiency - Unclassified	44	2	0	$445,212
Misuse of Equipment				
Overfuelling	18	0	0	$129,355
Misuse of Equipment - Unclassified	58	5	2	$623,327
Human Failing				
Asleep	50	5	3	$499,722
Temporary Loss of Judgement Suspected (Includes Panic)	10	0	0	$23,150
Physical or Mental Disability	8	2	2	$65,769
Accident	253	42	3	$3,490,836
Suspected Impairment by Use of Alcohol, Drugs or Medication	38	12	6	$518,924
Asleep - Suspected Use of Alcohol, Drugs or Medication	43	12	3	$338,664
Ignorance of Hazard	365	40	4	$4,600,226
Distracted, Preoccupied	305	18	0	$2,451,254
Human Failing - Unclassified	132	14	0	$8,964,265
Vehicle Accident				
Automobile Accident	41	0	0	$240,805
Industrial Truck Accident	5	0	0	$198,500
Other Road Vehicle Accident	5	0	0	$22,700
Watercraft Accident	4	0	0	$207,091
Aircraft Accident	3	0	0	$177,000

	Incidents	Injured	Dead	$ Loss
Vehicle Accident - Unclassified	15	0	0	$156,687
Miscellaneous Act or Omission				
Act or Omission Unknown	1,078	40	13	$30,104,852
Miscellaneous Act or Omission - Unclassified	194	11	0	$3,576,178
TOTALS	7,724	404	83	$131,659,496
BUILDING HEIGHT				
Building Height Unknown	236	4	1	$1,641,171
01 Storey or 3M	2,389	129	49	$48,126,175
02 Stories or 6M	1,393	137	14	$52,329,648
03 to 04 Stories or 9M to 12M	481	52	11	$14,849,628
05 to 06 Stories or 15M to 18M	57	7	1	$705,793
07 to 12 Stories or 21M to 36M	68	3	0	$339,886
13 to 24 Stories or 40M to 73M	20	0	0	$88,355
25 to 49 Stories or 75M to 149M	12	1	0	$53,865
Not Applicable, eg. Vehicle, Outside Area, Etc.	3,068	71	7	$13,524,975
TOTALS	7,724	404	83	$131,659,496
FORM OF HEAT				
Form of Heat Unknown	1,906	46	15	$41,777,997
Spark: Ember	320	5	2	$11,869,419
Spark: Electrical	1,202	44	2	$10,713,213
Spark: Static Electrical	46	9	0	$569,882
Direct Flame, Flue Gases	1,850	122	19	$38,781,769
Friction Heat	57	2	0	$609,086
Hot Object, Direct Heat by Induction or Radiation	1,597	85	13	$18,684,006
Spontaneous Ignition	72	7	1	$740,667
Heat from Smokers' Material	573	63	33	$6,142,190
Form of Heat - Unclassified	101	21	4	$1,791,267
TOTALS	7,724	404	83	$131,659,496
FIRE SERVICE				
Fire Service Unknown	518	3	2	$3,700,765
Full Time Fire Department	3,178	230	23	$37,475,456
Volunteer Fire Department	881	39	12	$31,828,461
Combined Full Time and Volunteer Fire Dept.	2,603	118	30	$42,818,512
Police Acting as Full Time Fire Fighters	19	0	0	$106,901
Combined Police and Fire Department	5	0	0	$22,299
Combined Police and Volunteer Fire Fighters	8	0	0	$252,100
Fire Service - Contract to Others	14	0	0	$138,569
No Fire Service	459	12	16	$14,567,494
Fire Service - Unclassified	39	2	0	$748,938
TOTALS	7,724	404	83	$131,659,496
FUEL OR ENERGY (Relating to Igniting Object)				
Fuel or Energy Unknown	1,407	54	16	$39,204,295
Coal, Wood	1,342	27	9	$33,853,013
Fuel Oil	124	3	2	$3,815,091
Gasoline	1,241	37	6	$7,021,309
Natural Gas or Other Fuel Gas	347	65	2	$6,056,962
Cigarette, Cigar, Pipe, Match, Lighter	908	85	36	$11,517,650
Electricity	1,752	85	6	$16,584,137
Lightning	16	3	0	$417,901
Exposure Fire	223	1	0	$4,789,617
Fuel or Energy - Unclassified	364	44	6	$8,399,521
TOTALS	7,724	404	83	$131,659,496
INITIAL DETECTION				
Initial Detection Unknown	546	5	2	$4,483,148
Smoke Alarm Device	147	12	1	$2,088,275
Smoke Detector Device	74	5	1	$1,789,563
Heat Alarm Device	25	1	1	$364,587
Heat Detector Device	37	0	0	$3,116,163
Automatic Sprinkler System	36	2	0	$368,773
Automatic System - Other Than Sprinkler	5	0	0	$26,446
Visual Sighting	6,676	361	73	$116,446,149
None	84	6	1	$1,315,631
Initial Detection - Unclassified	94	12	4	$1,660,761
TOTALS	7,724	404	83	$131,659,496
IGNITING OBJECT (Source of Ignition)				
Igniting Object Unknown	1,486	38	12	$35,765,332

	Incidents	Injured	Dead	$ Loss
No Igniting Object	134	2	12	$8,811,653
Cooking Equipment				
Stove, Range: Top Burner Area - Fire In Pan	406	33	2	$2,360,278
Stove, Range: Top Burner Area - Fire in Deep Fat Fryer or Pot	198	21	0	$1,443,831
Stove, Range: Top Burner Area - Other Circumstance	89	6	1	$1,267,047
Oven of Stove, Range	46	1	2	$329,189
Chafing Dish, Fondue	2	0	0	$11,648
Deep Fat Fryer - Separate Appliance	13	2	0	$157,422
Fry Pans, Grills Not on Stove	7	0	0	$12,241
Other Cooking Unit	24	0	0	$269,034
Open Fired Broiler - Fixed Type	4	1	0	$226,150
Open Fired Broiler - Portable Type	29	1	0	$98,412
Food Warming Appliance	33	2	2	$349,358
Toaster, Waffle Iron	18	0	0	$206,298
Cooking Equipment - Unclassified	21	3	0	$132,706
Heating Equipment				
Central Heating Unit	100	5	1	$2,106,345
Service Water Heater	35	10	4	$958,712
Space Heater - Stationary	166	14	5	$4,729,304
Space Heater - Portable	55	8	0	$1,949,071
Fireplace	220	3	0	$2,025,425
Chimney, Masonry	93	0	0	$618,532
Flue Pipe, Vent Connector	29	0	0	$362,826
Chimney, Factory-Built, Metal	100	3	0	$1,810,849
Heating Equipment - Unclassified	36	0	0	$400,113
Appliances				
Television	15	1	0	$661,634
Radio, Phonograph, Tape-Recorder	7	0	0	$172,964
Clothes Dryer	47	2	1	$431,455
Washing Machine	4	0	0	$52,700
Air Conditioning and Refrigeration: Central	6	0	0	$24,737
Refrigeration Unit: Individual	16	1	0	$685,969
Pressing Iron, Ironing Machine	5	1	0	$134,375
Portable Generator	1	0	0	$11,536
Lawnmower	4	0	0	$1,436
Electric Blanket, Heating Pad	9	1	0	$58,407
Incinerator	8	1	0	$107,400
Appliance - Unclassified	42	4	0	$445,993
Electrical Distribution Equipment				
Electrical Wiring, Cable: Permanent	538	9	0	$5,361,863
Transformer	9	0	0	$36,843
Switch Gear	2	0	0	$7,000
Panelboard, Switchboard	23	1	0	$428,406
Switch, Outlet	34	0	0	$284,716
Electric, Wiring, Cable: Temporary	88	5	0	$1,506,967
Battery, Rectifier, Charger	182	3	0	$490,690
Electrical Distribution Equipment - Unclassified	42	0	0	$478,837
Other Electrical Equipment				
Electric Motor: H.P. and Over	46	4	0	$412,742
Electric Motor: Under 1 H.P.	14	0	0	$184,084
Electronic Equipment: Communications	1	0	0	$6,500
Incandescent Lamp	74	5	1	$834,929
Fluorescent Lamp	5	0	0	$240,351
Other Electrical Equipment - Unclassified	38	3	0	$424,046
Smokers' Material and Open Flame				
Smokers' Material: Cigarette, Cigar, Pipe, Matches, Lighter	650	67	35	$6,454,624
Match, Lighter: Not Used in Conjunction with Smoking	779	58	3	$18,379,891
Lamp	16	5	0	$562,501
Candle, Taper	43	3	6	$602,934
Cutting Torch	29	14	0	$292,100
Welding Equipment	47	2	1	$1,501,598
Torch: Other than Cutting, Welding	74	2	0	$705,910
Hot Ashes, Embers	103	1	0	$8,042,193
Smokers' Material or "Open" Flame - Unclassified	66	5	1	$796,060
Exposure				
Structure: Attached	21	0	0	$2,565,624
Structure: Detached	100	1	0	$1,355,513
Lumber Yard	2	0	0	$300,300
Outside Storage Container, Tank	1	0	0	$26,000

	Incidents	Injured	Dead	$ Loss
"Open" Fire	41	0	0	$467,554
Forest, Tree	15	0	0	$484,738
Grass, Bush	23	0	0	$140,244
Exposure - Unclassified	65	0	0	$593,256
Miscellaneous				
Internal Combustion Engine	814	10	2	$2,491,121
Heat Treatment Equipment	5	0	0	$118,258
Industrial Oven	7	0	0	$205,965
Printing Equipment, Photographic Equipment	2	0	0	$45,000
Explosive	2	2	0	$42,500
Fireworks	7	0	0	$14,775
Bearing, Belting, Conveyor, Brake	16	0	0	$133,400
Machinery, Equipment: Commercial & Industrial	18	1	0	$463,269
Chemical Reaction	38	22	0	$1,173,655
Igniting Object - Unclassified	137	17	1	$3,812,157
TOTALS	7,724	404	83	$131,659,496
LEVEL OF ORIGIN				
Level of Origin Unknown	395	4	2	$10,264,179
Basement, Sub-Basement	476	50	3	$11,931,710
Crawlspace, Under Structure	77	0	0	$1,690,114
Ground Floor, Grade Level	2,826	185	60	$71,325,917
2nd Storey	515	68	7	$10,126,857
3rd Storey	101	12	5	$1,148,024
4th to 12th Storey, Inclusive	70	7	0	$356,593
Over 12 Storeys	13	1	0	$57,960
Roof Level, Includes Concealed Roof Space, Attic	172	3	0	$3,038,150
Level of Origin - Not Applicable	3,079	74	6	$13,719,992
TOTALS	7,724	404	83	$131,659,496
MATERIAL FIRST IGNITED				
Material First Ignited Unknown	1,358	44	11	$30,958,492
Structural Materials, Finish Materials				
Roof Covering: Wood	84	1	0	$1,326,441
Roof Covering: Other than Wood	19	0	0	$23,478
Exterior Wall Covering, Surface, Finish	167	1	0	$3,113,626
Exterior Trim and Appurtenance	36	0	0	$680,496
Floor Covering: Wood	68	4	2	$1,725,340
Floor Covering: Linoleum, Tile, Plastic	38	4	2	$1,866,314
Floor Covering: Carpet, Rug	160	3	1	$2,551,994
Structural Component: Floor, Ceiling, Roof	126	6	0	$10,069,506
Structural Component: Wall	117	4	0	$1,886,101
Interior Wall Covering: Wood, Fibreboard (High Density)	199	5	5	$14,865,455
Interior Wall Covering: Fibreboard (Low Density)	56	0	0	$1,281,176
Interior Wall Covering: Plastic	13	1	0	$754,655
Ceiling Covering: Wood, Fibreboard (High Density)	33	0	0	$584,375
Ceiling Covering: Fibreboard (Low Density)	10	0	0	$449,358
Ceiling Covering: Plastic	2	0	0	$26,000
Insulation: Wood Product	25	0	0	$590,747
Insulation: Plastic	38	0	0	$323,573
Insulation: Mineral	22	0	0	$175,974
Structural Components, Finish Materials - Unclass.	45	2	0	$422,543
Furniture, Furnishings				
Furniture (Upholstered)	376	33	23	$4,208,470
Furniture: Wood (Not Upholstered)	70	2	6	$1,081,458
Furniture: Plastic (Not Upholstered)	5	0	0	$32,574
Ironing Board	2	0	0	$57,550
Mattress, Pillow	141	12	1	$936,878
Bedding	207	24	13	$1,889,401
Drapery	52	4	1	$575,148
Broom, Mop, Brush	3	0	0	$40,343
Furniture, Furnishings - Unclassified	14	3	0	$200,537
Clothing, Textiles				
Clothing: Cotton, on a Person	30	2	1	$769,496
Clothing: Wool, on a Person	1	0	0	$25
Clothing: Synthetic Fibre, on a Person	61	8	0	$913,701
Fabric: Cotton	37	0	0	$224,001
Fabric: Wool	8	0	0	$17,630
Fabric: Synthetic Fibre	26	0	0	$200,614
Tarpaulin	17	0	0	$27,648
Clothing, Textiles - Unclassified	33	2	2	$524,844

	Incidents	Injured	Dead	$ Loss
Wood, Paper Products				
Wood	85	3	2	$1,819,116
Wood Shavings	66	5	0	$2,301,723
Paper, Packing Material	64	2	0	$4,070,881
Paper Decoration	6	0	0	$90,644
Wastepaper	142	1	0	$1,248,892
Cardboard	96	7	3	$1,440,428
Paper Stock	113	10	0	$4,297,983
Wood, Paper Products - Unclassified	96	4	0	$3,909,957
Flammable, Combustible Liquids				
Gasoline	1,014	41	3	$7,826,782
Fuel Oil	57	3	0	$2,124,209
Combustible Liquid: Flashpoint 100F and Over	44	0	0	$543,865
Flammable Liquid: Flashpoint Less than 100F	37	7	1	$738,218
Paint, Varnish	23	0	0	$443,744
Cooking Oil, Fat	513	47	1	$3,465,674
Tar, Asphalt	11	0	0	$16,160
Polish, Wax	14	1	0	$34,973
Flammable Liquids - Unclassified	119	9	0	$1,399,393
Flammable Gases				
Natural Gas	15	8	1	$604,443
Propane/Butane Air Mixture	22	5	0	$74,861
Propane, Butane, L.P.G.	37	16	2	$476,308
Acetylene	5	0	0	$10,100
Hydrogen	1	0	0	$31,000
Flammable Gases - Unclassified	18	10	0	$275,139
Chemicals, Plastics, Metals				
Cellulose Nitrate	4	0	0	$6,683
Plastics	201	8	0	$926,719
Oxidizing Material	1	0	0	$57,000
Magnesium and Alloys	2	0	0	$5,100
Titanium, Zirconium and Alloys	1	0	0	$14,003
Rubber, Natural or Synthetic	41	0	0	$302,025
Chemicals - Unclassified	21	16	0	$768,740
Agricultural, Forestry Products				
Fibres	12	0	0	$121,043
Grain, Flour, Starch	5	0	0	$87,812
Hay, Straw	28	2	1	$680,854
Tree, Shrub	50	0	0	$77,097
Felled Timber	4	0	0	$241,300
Grass, Brush, Leaves	20	0	0	$268,518
Christmas Tree	11	2	0	$208,245
Agricultural, Forestry Products - Unclassified	4	0	0	$3,292
Miscellaneous				
Coal, Coke	6	1	0	$64,651
Creosote Deposits in Chimney, Flue	36	0	0	$163,932
Insulation: Electric	433	7	0	$2,281,413
Garbage, Trash, Rubbish	347	6	1	$1,447,082
Oily Rags	29	5	0	$358,163
Miscellaneous Material - Unclassified	171	13	0	$855,369
TOTALS	7,724	404	83	$131,659,496
AREA OF ORIGIN				
Area of Origin Unknown	292	2	2	$7,067,198
Means of Egress				
Hallway, Corridor	100	6	2	$2,687,919
Stairway, Exterior	23	0	0	$413,430
Stairway, Interior	43	0	1	$2,257,367
Lobby, Entrance Way	43	4	0	$486,498
Elevator	6	1	0	$81,599
Means of Egress - Unclassified	29	12	0	$731,911
Assembly, Family, Sales Area				
Large Assembly Area: Fixed Seats	8	1	0	$854,658
Large Assembly Area: Non-Fixed Seats	10	0	0	$3,176,845
Small Assembly Area	23	0	0	$3,023,918
Lounge, Living Room	678	55	33	$12,646,906
Sales, Show Room Area	14	0	0	$2,255,299
Library, Museum	3	0	0	$9,429
Sports Facility	5	0	0	$55,550
Assembly, Sales Area - Unclassified	1	0	0	$50

	Incidents	Injured	Dead	$ Loss
Function Area				
Sleeping (Under 5 Occupants)	501	57	13	$7,729,488
Sleeping (5 or More Occupants)	8	0	1	$130,675
Dining Area	42	3	0	$6,655,869
Bar, Beverage Area	3	0	0	$43,000
Washroom, Locker Room	88	9	0	$821,715
Office	38	2	0	$2,136,642
Laboratory	3	0	0	$2,100
Printing and Photographic Reproduction	5	0	0	$127,248
Kitchen, Cooking Area	987	71	15	$9,366,216
Laundry Area	59	8	2	$1,616,843
First-Aid, Treatment Area	1	0	0	$237,608
Operating Room	3	0	0	$975
Electronic Equipment Room	8	0	0	$237,171
Performance Area	2	0	0	$6,026
Backstage, Dressing Room	1	0	0	$80
Process, Manufacturing Area	28	3	1	$1,794,647
Function Area - Unclassified	53	4	1	$3,499,643
Storage Area (Inside Building)				
Product Storage Area	38	20	0	$2,309,091
Closet, Lockers	52	4	0	$833,879
Supplies, Equipment Area	79	4	0	$3,649,669
Records Storage Area	4	0	0	$226,408
Shipping, Receiving Area, Mail Room	14	1	1	$271,550
Trash, Rubbish Area	22	0	0	$159,618
Vehicle (Garage)	202	12	1	$4,308,845
Agricultural Products Storage	18	0	0	$414,895
Storage Area - Unclassified	118	9	0	$2,992,070
Service Facilities				
Dumbwaiter, Conveyor Shaft	2	0	0	$210,000
Service Shaft	1	1	0	$11,000
Chute	3	0	0	$18,100
Duct: Heating, Air Conditioning	4	0	0	$124,987
Chimney: Masonry	26	0	0	$43,635
Chimney: Factory Built Metal	111	2	0	$483,770
Service Facilities - Unclassified	10	2	0	$263,417
Service and Equipment Area				
Machinery Room	41	3	0	$4,634,626
Heating Equipment Room	109	11	2	$2,852,697
Transformer Vault	3	1	1	$270,000
Incinerator Room	4	1	0	$8,850
Maintenance Shop	69	8	0	$2,635,200
Paint Shop	3	0	0	$28,975
Service and Equipment Area - Unclassified	25	2	0	$364,399
Structural Area				
Crawl Space	63	0	0	$1,478,780
Exterior Balcony	45	0	0	$377,905
Ceiling and Floor Assembly	37	1	0	$1,297,790
Ceiling and Roof/Ceiling Space	87	2	0	$10,480,486
Assembly	63	3	0	$985,212
Exterior Wall	112	2	0	$1,789,617
Exterior Roof	67	0	0	$961,863
Awning, Canopy	6	0	0	$10,842
Structural Area - Unclassified	27	3	1	$877,696
Vehicle Area				
Vehicle: Engine Area	1,397	12	0	$5,388,864
Vehicle: Fuel Area	242	10	1	$1,060,355
Vehicle: Control Area	88	2	0	$1,158,601
Vehicle: Passenger Area	454	15	2	$1,683,556
Vehicle: Cargo Area	100	3	1	$663,048
Vehicle Area - Unclassified	155	12	1	$1,194,962
Miscellaneous				
Open Area	121	1	0	$980,233
Court, Patio, Terrace	34	0	0	$209,299
Parking Area	44	1	0	$197,411
Storage Area	38	0	0	$229,139
Trash, Rubbish Area	246	3	1	$263,916
Outside Area - Unclassified	192	15	1	$2,709,717
TOTALS	7,724	404	83	$131,659,496

PROPERTY CLASSIFICATION	Incidents	Injured	Dead	$ Loss
Property Classification Unknown	18	0	0	$103,118
Assembly				
Motion Picture Theatre	6	2	0	$278,809
Auditorium	1	0	0	$20
Radio, TV Studio	2	0	0	$13,500
Theatre, Studio, Auditorium - Unclassified	2	0	0	$67,588
Bowling Alley	1	0	0	$3,000
Billiard Centre	1	0	0	$50
Amusement Centre	1	0	0	$81,000
Swimming Facility	3	0	0	$270
Ballroom, Gymnasium	5	0	0	$384,769
Exhibition Hall, Exposition Hall	2	0	0	$36,200
Arena, Stadium	1	0	0	$75
Amusement, Recreation Place - Unclassified	8	0	0	$57,300
Nursery School, Kindergarten	1	0	0	$100
Elementary School	24	0	0	$2,726,123
High School	25	0	0	$1,143,291
Business, Secretarial, Commercial School	1	0	0	$2,500
College, University	10	0	0	$14,130
Educational Facility - Unclassified	2	0	0	$20,700
Church, Chapel	10	0	0	$420,508
Church Hall	9	0	0	$556,639
City Club	7	0	0	$473,791
Country Club	4	0	0	$117,287
Social, Sport Club - Unclassified	8	1	0	$1,634,836
Library	1	0	0	$8,999
Art Gallery	1	0	0	$1,500
Library, Museum - Unclassified	1	0	0	$400
Restaurant	63	4	0	$2,086,015
Night Club	7	0	0	$376,790
Tavern	2	0	0	$205,000
Lunchroom, Drive-In	6	0	0	$2,053,000
Food or Beverage Establishment - Unclassified	2	0	0	$15,000
Marine Passenger Terminal	1	0	0	$50
Passenger Terminal, Station - Unclassified	1	0	0	$150
Miscellaneous Assembly - Unclassified	1	0	0	$80,578
Institutional				
Prison, Penitentiary for Men	2	0	0	$751,500
Jail	1	0	0	$600
Reformatory, Juvenile Detention Home	6	0	0	$5,312
Adult Detention Camp	1	0	1	$13,000
Police Station, With Lock-Up Facilities	3	0	0	$1,650
Prison, Jail, Reformatory - Unclassified	1	4	0	$10
Home for the Aged with Nursing Staff	2	0	0	$1,617
Home for the Aged without Nursing Staff	5	0	0	$18,900
Children's Day Care	1	0	0	$100
Child Care - Unclassified	1	0	0	$50
Hospital	14	1	0	$26,761
Sanatorium, Sanatarium, Nursing or Convalescent Home	4	1	1	$57,537
Clinic	1	0	0	$500
Hospital, Sanatorium, Clinic - Unclassified	2	0	0	$820
Miscellaneous Institutional - Unclassified	5	0	0	$1,799,000
Residential				
Dwelling Year-Round Use (1 Family)	2,460	130	47	$38,722,590
Dwelling, Seasonal Use - In Season (1 Family)	19	0	0	$364,685
Dwelling, Seasonal Use - Off Season (1 Family)	7	1	0	$483,396
Dwelling, Year-Round Use (2 Family)	128	20	4	$1,499,144
Dwelling, Seasonal Use - In Season (2 Family)	2	0	0	$37,721
Dwelling, Seasonal Use - Off Season (2 Family)	1	0	0	$5,000
Dwelling, Farm (1 Family)	24	0	1	$694,267
Dwelling, Farm (2 Family)	2	0	0	$966,000
Dwelling, 1 and 2 Family - Unclassified	16	0	0	$146,496
Apartment, Townhouse: 1 - 2 Units with Business	23	4	0	$846,113
Apartment, Townhouse: 1 - 2 Units without Business	16	2	0	$228,576
Apartment, Townhouse: 3 - 20 Units with Business	84	9	0	$931,601
Apartment, Townhouse: 3 - 20 Units without Bus.	215	30	9	$2,137,785
Apartment, Townhouse: Over 20 Units	236	24	4	$3,392,523

	Incidents	Injured	Dead	$ Loss
Apartment, Townhouse - Unclassified	19	0	0	$59,347
Rooming, Boarding, Lodging House: 4 to 8 Roomers or Boarders	9	1	1	$274,278
Rooming, Boarding, Lodging House: 9 to 15 Roomers or Boarders	9	2	0	$48,829
Rooming, Boarding, Lodging House - Unclassified	3	0	0	$86,596
Hotel, Inn, Lodge: Year-Round Use	86	10	0	$1,353,960
Hotel, Inn, Lodge: Seasonal Use - In Season	2	0	0	$70,500
Hotel, Inn, Lodge: Seasonal Use - Off Season	3	0	1	$7,700
Hotel, Inn, Lodge: Transient Dormitory Type	5	1	0	$401,950
Hotel, Inn, Lodge - Unclassified	8	0	0	$22,665
Motor Hotel, Motel: Fewer than 3 Units	1	0	0	$600
Motor Hotel, Motel: 3 - 20 Units	12	13	0	$441,884
Motor Hotel, Motel: Over 20 Units	16	1	0	$337,907
Motor Hotel, Motel - Unclassified	1	0	0	$150
Dormitory: School, College University Dormitory	4	0	0	$18,857
Dormitory: Bunkhouse and Workers' Barrack	5	0	0	$43,885
Mobile Home (1 or 2 Family Unit)	123	5	2	$1,943,352
Houseboat	4	1	0	$230,000
Travel Trailer	30	1	0	$132,982
Camping Trailer	11	3	0	$20,362
Motor Home	32	5	1	$334,346
Truck with Camper	19	3	1	$119,513
Tent	2	0	0	$3,600
Mobile Home, Trailer - Unclassified	31	1	1	$581,178
Children's Play House	3	1	1	$1,461
Residential Miscellaneous - Unclassified	10	0	0	$50,388
Business and Personal Service				
General Business Office	32	2	0	$2,722,473
Civic, Federal or Provincial Government Office	9	0	0	$53,593
Bank	2	0	0	$1,049,419
Medical, Health, Research or Scientific Office	4	0	0	$13,400
Engineering, Architectural and Technical Office	1	0	0	$68,000
Mailing, Photocopy Company Office	2	0	0	$46,500
Office - Unclassified	18	1	0	$744,392
Beauty Parlour	1	0	0	$500
Personal Service Property - Unclassified	3	1	0	$32,821
Electronic Equipment - Unclassified	1	0	0	$170,250
Miscellaneous Business and Personal Service - Unclassified	8	0	0	$225,711
Mercantile				
Supermarket	3	0	0	$40,518
Market, Grocery Store	14	1	0	$156,053
Specialty Food Store	5	0	0	$204,843
Food, Beverage Sale - Unclassified	2	0	0	$1,550
Clothing Store	5	0	0	$1,207,383
Clothing Accessories, Shoe Store	3	0	0	$62,513
Fur Store	1	0	0	$3,500
Furniture Store	8	0	0	$326,729
Appliance Store	1	0	0	$296
Hardware Store	2	0	0	$26,000
Rug, Floor Covering Store	1	0	0	$500
Furniture, Appliance, Hardware Sales - Unclass.	3	0	0	$133,561
Book, Stationery Store	3	0	0	$1,668,747
Florist Shop, Greenhouse	2	0	0	$27,344
Books, Newspapers, Drugs - Unclassified	2	0	0	$125
Dry Goods Store	3	0	0	$12,545
Photographic Supply Sales and Studios	2	0	0	$63,500
Garden Supply Store	1	0	0	$60,000
Retail Lumber Sales	1	0	0	$84,000
Pet Store, Animal Hospital	1	0	0	$8,732
Recreation, Hobby Supplies - Unclassified	1	0	0	$50
Furniture Repair or Upholstery Without Sales	1	0	0	$500
Appliance Repair Shop	1	0	0	$300
Laundry, Self-Service	8	0	0	$222,650
Laundry, Dry Cleaner	5	0	0	$460,030
Maintenance Shop, General	19	3	0	$1,135,622
Service Station: Public	11	0	0	$298,082
Service Station: Private	1	0	0	$3,000
Motor Vehicle Repairs	33	2	0	$2,023,443
Florist Shop	5	0	0	$45,100
Boat Sales	2	2	0	$66,000
Marine Service Station	2	0	0	$1,700
Car Wash Facility	2	0	0	$1,080
Motor Vehicles, Boats, Sales and Service -				

	Incidents	Injured	Dead	$ Loss
Unclassified	53	5	0	$370,507
Department Store	2	0	0	$230
Variety Store - Small	5	0	0	$112,820
Variety Store - Large	2	0	0	$8,640
Mail Order Store	1	0	0	$14,413
Shopping Mall - Public Areas	2	0	0	$10,450
Builders Supply Sales	4	0	0	$9,341
Miscellaneous Mercantile - Unclassified	6	0	0	$361,720
Industrial Manufacturing Properties				
Plastic Products Manufacture	1	0	0	$1,500
Paints, Varnishes, Lacquers, Inks, Waxes, Adhesives Manufacture	3	2	0	$177,051
Asphalt, Coal Products Manufacture	3	0	0	$12,500
Chemicals, Petroleum, Paints, Plastics, Manufacture - Unclassified	1	0	0	$105,000
Sawmill, Planing Mill	64	1	1	$11,944,160
Wood, Cane Container, and Small Wares Manufacture	1	0	0	$100
Furniture, Bedding Manufacture	5	2	0	$103,439
Paper, Pulp, Paperboard Manufacture	3	0	0	$50,600
Paper, Pulp, Paperboard Products Manufacture	2	0	0	$4,225
Newspaper, Magazine, Printing and Publishing	2	0	0	$7,010
Printing, Publishing	2	0	0	$11,500
Wood, Furniture, Paper, Printing, Manufacturing - Unclassified	9	0	0	$812,935
Basic Iron and Steel Manufacture	2	0	0	$30,008
Basic Metal Products Manufacturing	3	0	0	$8,000
Machinery Manufacture	3	0	0	$6,164
Electrical and Electronic Machinery Manufacture	4	2	0	$39,116
Electrical and Electronic Appliance Manufacture	1	0	0	$200
Slaughtering, Preparation, Preserving of Meat	3	0	0	$38,620
Canning, Preserving	2	0	0	$3,526,298
Canning, Preserving of Fish, Sea Foods	1	0	0	$20,000
Grain Mill Products Manufacturing	1	0	0	$25,000
Bakery Product Manufacturing	1	0	0	$400
Cocoa, Chocolate and Sugar Confectionery Manufacturing	1	1	0	$35,000
Food Processing - Unclassified	2	2	0	$1,968,616
Cotton, Spinning and Weaving	1	0	0	$3,300
Footwear Manufacturing	1	0	0	$8,000
Leather Products Manufacturing	1	0	0	$21,092
Rubber, Rubber Products Manufacturing	1	0	0	$6,000
Shipbuilding and Repairing of Vessels Over 20M	5	8	0	$46,585
Boatbuilding and Repairing of Vessels 20M & Under	9	3	0	$135,621
Motor Vehicle Manufacturing and Assembly	2	0	0	$27,100
Vehicles and Related Equipment - Unclassified	49	3	0	$573,797
Laundry and Dry Cleaning Plant	3	0	0	$25,000
Miscellaneous Manufacturing - Unclassified	13	0	0	$155,398
Industrial Storage Properties				
Seeds, Beans, Nuts, Grain Storage in Bulk	4	1	0	$90,028
Loose or Bagged Agricultural Products Storage	1	0	0	$14,000
Livestock Storage	1	0	0	$200
Agricultural Supply Storage	5	0	0	$78,400
Agricultural Products Storage - Unclassified	8	0	0	$120,024
Cloth and Yarns Storage	1	0	0	$10
Wearing Apparel, Garments and Finished Textiles Storage	2	0	0	$800
Canned, Bottled Food or Soft Drinks Storage	1	0	0	$5,750,000
Cold Storage	2	1	1	$575,800
Processed Food, Beverage Storage - Unclassified	1	0	0	$95,000
LP Gas Cylinders Storage	1	0	0	$7,000
Lumberyards, Building Materials Storage	6	0	0	$195,840
Wood Products Storage	6	5	0	$188,141
Furniture Storage	3	0	0	$1,804,945
Rolled Paper, Newsprint Storage	1	0	0	$300
Paper and Paper Products Storage	2	0	0	$134,200
Felled Timber, Log Storage	2	0	0	$5,600
Wood, Furniture, Paper and Products Storage - Unclassified	1	0	0	$6,000
Basic Industrial Chemicals Storage	1	0	0	$10,000
Hardware Storage	1	1	0	$2,000
Machinery Storage	2	0	0	$101,000
Electrical Appliances and Supplies Storage	2	1	0	$131,000
Finished Metal Products Storage	1	0	0	$10,000
Scrap and Junkyards	2	0	0	$15,000
Garage: Individual Residential Parking	137	9	1	$899,824

	Incidents	Injured	Dead	$ Loss
Garage: General Auto Parking	15	0	0	$62,700
Bus, Truck and Auto Fleets Storage	1	0	0	$77,000
Heavy Machine and Equipment Storage	5	0	0	$107,120
Marinas, Boat and Ship Storage	3	1	0	$130,099
Aircraft Hangars	2	1	1	$51,200
Vehicle Storage - Unclassified	6	0	0	$54,240
General Warehouse	19	17	0	$1,832,274
Pier, Wharf, Storage in Open Area	2	0	0	$400
Miscellaneous Storage Properties - Unclassified	20	2	0	$203,986
Outdoor Property, Vehicles				
Brush, Grass and Light Ground Cover	10	1	1	$97,100
Trees	35	0	0	$28,000
Fences, Poles, Railroad Ties	13	0	0	$3,075
Trash and Rubbish	218	1	0	$34,139
Mailboxes	4	0	0	$565
Forest, Standing Timber	1	0	0	$3,700
Outdoor Property - Unclassified	36	1	0	$95,970
Buildings Under Construction	5	0	0	$52,600
Buildings Under Demolition	2	0	0	$1,500
Construction, Other than Buildings	1	0	0	$1,850
Vacant Property	11	0	0	$47,876
Unoccupied Property	3	0	0	$85,000
Contractors' Sheds	2	0	0	$39,000
Under Construction or Demolition - Unclassified	2	0	0	$15,743
Motor Craft (20M and Under LOA)	29	4	0	$376,994
Vessel (Under 1,000GT)	12	7	0	$457,033
Ship, Cargo	1	0	0	$3,500
Non Self-Propelled Vessel	1	1	0	$40,000
Commercial Fishing Vessel	19	3	0	$264,250
Watercraft - Unclassified	20	2	0	$304,171
Railway Car: Freight	4	0	0	$30,300
Railway Yard	1	0	0	$20,000
Automobile	1,775	10	1	$3,168,914
Bus, Trackless Trolley	8	0	0	$38,983
Truck, Compressed or LP Gas Tank	3	0	0	$25,755
Truck, Flammable Liquid, Chemical Tank	5	1	0	$130,250
Truck, General	371	7	2	$1,405,197
Motorcycle	31	1	0	$67,650
Wagon, Non-Motorized Hauling Vehicle	7	0	0	$29,499
Industrial or Commercial Trailer	15	1	0	$375,300
Ground Transport Vehicle - Unclassified	52	0	0	$410,149
Aircraft, Private	2	0	0	$140,000
Helicopter, and Vertical Take-off Aircraft, Non-Military	1	0	0	$50,000
Military Aircraft, Combat Type	1	0	0	$2,000
Construction Equipment	25	0	0	$884,735
Farm Tractor and Equipment	19	1	0	$144,136
Crane, Mobile and Fixed	4	0	0	$408,582
Industrial Truck: Fork Lift and Material Handling	19	0	0	$393,875
Snowmobile	1	0	0	$1,000
Special Vehicle - Unclassified or Unknown	31	0	0	$1,067,691
Miscellaneous				
Poultry, Egg Production	4	1	0	$6,150
Cow and Cattle Production	1	0	0	$400,000
Storage Barn	22	0	0	$1,082,044
Animal Barn, Cattle, Pigs, Horses	14	1	0	$196,809
Crops, Orchards, Straw Stacks	1	0	0	$6,000
Farm Silo	1	0	0	$1,500
Farm Facility - Unclassified	10	0	0	$255,286
Shed	53	0	0	$310,440
Privy	3	0	0	$1,010
Toll Station or Booth	11	0	0	$2,500
Awning, Canopy	1	0	0	$200
Non-Metallic Mineral Product Manufacturing	3	0	0	$23,500
Conveyor	1	0	0	$56,985
Telephone Booth	3	0	0	$99
Miscellaneous Outbuildings - Unclassified	28	0	0	$163,179
Electrical Light and Power Generating Plant	2	0	0	$23,536
Electric Light & Power Distribution System	6	0	0	$45,500
Heating Plant	1	0	0	$58,300
Water Supply System	2	0	0	$2,000
Sanitary Service	1	0	0	$75
Utility - Unclassified	10	0	0	$166,810
Cement Batch Mixing Plant	1	0	0	$1,000

	Incidents	Injured	Dead	$ Loss
Cement, Glass, Pottery, Manufacturing - Unclass.	1	0	0	$200
Metal Ore Mine	1	0	0	$70,000
Stone, Slate, Clay, Gravel, Sand, Quarry or Pit	1	0	0	$20,000
Property in Which Radioactive Material is Handled in Bulk	1	0	0	$35,000
Groundskeeping Equipment	1	0	0	$50
TOTALS	7,724	404	83	$131,659,496
SPRINKLER PROTECTION				
Sprinkler Protection Unknown	276	3	1	$2,143,649
Complete Sprinkler Protection - Supervised or Standard Watchman	37	2	0	$1,201,454
Complete Sprinkler Protection - Alarm to Fire Dept	18	3	1	$94,153
Complete Sprinkler Protection - Unsupervised, Local Alarm Only	135	9	6	$1,208,571
Partial Sprinkler Protection - Supervised or Standard Watchman	15	0	0	$1,995,270
Partial Sprinkler Protection - Alarm to Fire Dept.	26	0	0	$74,683
Partial Sprinkler Protection - Unsupervised, Local Alarms Only	91	14	2	$1,471,749
No Sprinkler Protection	3,864	286	70	$106,211,536
Not Applicable, eg. Vehicle, Outside Area, Etc.	3,240	86	8	$17,054,590
Sprinkler Protection - Unclassified	22	1	1	$203,841
TOTALS	7,724	404	83	$131,659,496
TIME OF FIRE				
Time 0000 - 0059 Hours	212	22	1	$3,859,643
Time 0100 - 0159 Hours	330	8	3	$6,471,243
Time 0200 - 0259 Hours	346	11	2	$13,073,935
Time 0300 - 0359 Hours	317	19	12	$9,761,131
Time 0400 - 0459 Hours	250	19	7	$12,421,075
Time 0500 - 0559 Hours	209	11	13	$10,688,505
Time 0600 - 0659 Hours	131	7	7	$4,208,808
Time 0700 - 0759 Hours	163	10	4	$1,989,188
Time 0800 - 0859 Hours	219	7	4	$2,642,170
Time 0900 - 0959 Hours	246	11	2	$2,778,349
Time 1000 - 1059 Hours	261	14	4	$3,676,526
Time 1100 - 1159 Hours	286	19	2	$2,614,933
Time 1200 - 1259 Hours	290	15	2	$3,203,762
Time 1300 - 1359 Hours	319	18	2	$2,816,497
Time 1400 - 1459 Hours	358	23	1	$3,278,104
Time 1500 - 1559 Hours	356	11	0	$3,354,251
Time 1600 - 1659 Hours	414	12	0	$3,395,713
Time 1700 - 1759 Hours	386	26	0	$6,013,467
Time 1800 - 1859 Hours	446	31	2	$7,600,957
Time 1900 - 1959 Hours	390	24	3	$4,791,761
Time 2000 - 2059 Hours	356	19	2	$4,675,244
Time 2100 - 2159 Hours	350	20	5	$4,495,590
Time 2200 - 2259 Hours	322	12	1	$5,446,002
Time 2300 - 2359 Hours	334	31	3	$5,616,004
Time Unknown	435	4	1	$2,786,638
TOTALS	7,724	404	83	$131,659,496
DAY OF WEEK				
Sunday	1,188	55	17	$16,792,474
Monday	991	42	9	$11,220,485
Tuesday	1,008	56	3	$13,114,419
Wednesday	1,087	62	13	$17,022,453
Thursday	1,075	58	5	$20,247,754
Friday	1,119	63	13	$25,726,256
Saturday	1,256	68	23	$25,536,655
TOTALS	7,724	404	83	$131,659,496

CIRCUMSTANCES CONTRIBUTING TO FIRE CASUALTIES, 1983

	Incidents	Injured	Dead	$ Loss
CONDITION OF CASUALTY				
Condition of Casualty Unknown	80	114	15	$2,988,847
Asleep at Time of Fire	69	52	39	$2,289,817
Bedridden or Other Physical Handicap	3	2	1	$13,650
Impairment by Alcohol, Drugs or Medication	27	19	10	$517,347
Awake or No Physical or Mental Impairment at Time of Fire	124	143	7	$4,579,455
Under Restraint or Detention	1	1	0	$10
Too Young to React to Fire	7	4	5	$245,972
Mental Handicap (Senile)	1	0	1	$2,000
Left Unattended (Infant)	2	1	1	$3,100
Condition of Casualty - Unclassified	53	68	4	$2,686,565
ACTION OF CASUALTY				
Action of Casualty Unknown	83	78	34	$1,757,193
Injured While Attempting to Escape	39	50	6	$1,463,201
Over Exertion or Heart Attack	3	2	1	$168,616
Voluntarily Entered or Remained for Rescue Purpose	19	21	0	$548,067
Voluntarily Entered or Remained for Fire Fighting	101	132	2	$5,716,650
Voluntarily Entered or Remained to Save Personal Property	18	18	1	$522,427
Loss of Judgement or Panic	23	15	11	$565,559
Received Delayed Warning	13	15	8	$450,375
Did Not Act	24	14	15	$396,156
Action of Casualty - Unclassified	52	59	5	$2,223,959
IGNITION OF FABRIC				
Ignition of Clothing or Fabric Not Applicable	269	328	53	$11,311,082
Outer Clothing	41	39	7	$522,543
Sleepwear	8	7	1	$97,830
Underclothing	4	5	0	$92,793
Bedding and Bed Linen	18	7	13	$210,220
Mattress or Pillow	3	4	0	$6,900
Upholstered Furniture	6	3	3	$136,729
Rugs	1	1	0	$350
Ignition of Clothing or Fabrics - Unclassified	14	10	6	$477,833
TYPE OF FABRIC				
Type of Fabric or Material Not Applicable	268	328	52	$11,105,079
Cotton	20	22	2	$453,241
Wool	4	4	0	$66,500
Other Natural Fibre	1	0	1	$24,000
Synthetic Fibre	20	18	3	$282,653
Mixture Fibres	41	26	18	$752,671
Type of Fabric or Material Ignited - Unclassified	12	6	7	$588,584
CAUSE OF FAILURE TO ESCAPE				
Cause of Failure to Escape Unknown	140	158	41	$4,247,840
Trapped By: Rapid Spread of Fire/Smoke Through Vertical Openings	10	9	4	$263,408
Trapped By: Rapid Spread of Fire/Smoke Through Horizontal Openings	25	26	17	$1,243,294
High Flame Spread of Combustible Finish of Walls, Ceilings or Floors	12	8	5	$407,472
Falling Debris	7	7	0	$526,948
Explosion	35	50	3	$913,889
Exit Locked, Blocked or Obstructed	3	4	0	$13,500
Outdoor Fire Includes Forest, Brush	5	4	1	$25,109
Cause of Failure to Escape - Unclassified	123	138	12	$5,664,906

SUMMARY OF FIRE LOSSES BY PROPERTY CLASSIFICATION, 1983

PROPERTY GROUP	NO. OF FIRES	PERCENT OF TOTAL FIRES	$ LOSS	PERCENT OF TOTAL $ LOSS	INJURED	PERCENT OF TOTAL INJURED	DEAD	PERCENT OF TOTAL DEAD
Assembly	63	0.8	3,906,844	3.0	0	0.0	0	0.0
Educational	9	0.1	581,790	0.4	0	0.0	0	0.0
Nightclubs, taverns	71	0.9	2,306,315	1.8	4	1.0	0	0.0
Restaurants, eating establishments	77	1.0	4,377,319	3.3	3	0.7	0	0.0
Other								
Institutional	7	0.1	20,517	.0	0	0.0	0	0.0
Home for aged	23	0.3	85,768	0.1	2	0.5	1	1.2
Hospital day centre, home	19	0.2	2,571,072	2.0	4	1.0	1	1.2
Other								
Residential	2,659	34.4	42,049,898	31.9	151	37.4	52	62.7
One- and two-family dwellings	593	7.7	7,595,915	5.8	69	17.1	13	15.7
Apartments	155	2.0	3,046,019	2.3	28	6.9	2	2.4
Hotels, motels, rooming houses	9	0.1	62,742	.0	0	0.0	0	0.0
Dormitory, bunkhouse	123	1.6	1,943,352	1.5	5	1.2	2	2.4
Mobile home	94	1.2	610,603	0.5	12	3.0	2	2.4
Recreation vehicle, tent	48	0.6	863,027	0.7	3	0.7	2	2.4
Other								
Business and personal service	81	1.0	5,127,059	3.9	4	1.0	0	0.0
Mercantile	229	3.0	9,234,117	7.0	13	3.2	0	0.0
Industrial manufacturing	205	2.7	19,926,435	15.1	24	5.9	1	1.2
Industrial storage	267	3.5	12,854,131	9.8	39	9.7	3	3.6
Outdoor property, piers, wharves	317	4.1	262,549	0.2	3	0.7	1	1.2
Watercraft	82	1.1	2,145,948	1.6	17	4.2	0	0.0
Rail transport and equipment	5	0.1	50,300	.0	0	0.0	0	0.0
Automobile	1,775	23.0	3,188,914	2.4	10	2.5	1	1.2
Other ground transport & special vehicles	591	7.7	5,382,802	4.1	11	2.7	2	2.4
Aircraft	4	0.1	192,000	0.1	0	0.0	0	0.0
Remainder	218	2.8	3,273,860	2.5	2	0.5	0	0.0
TOTALS	7,724	100	131,659,496	100.0	404	100.0	83	100.0

LOSSES OF $500,000 AND OVER, 1983

DATE	LOCATION	PROPERTY CLASSIFICATION	ACT OR OMISSION	$ LOSS	INJ.	DEAD
83 02 10	Vancouver	General Warehouse	Accident	604,517	16	0
83 02 13	Vancouver	Social, Sport Club - Unclassified	Set Fire - Motive Unknown or Unclassified	1,560,136	0	0
83 02 16	Victoria	Bank	Act or Omission - Unknown	1,049,119	0	0
83 02 21	Hudson's Hope	Hotel, Inn, Lodge: Year Round Use	Act or Omission - Unknown	701,708	0	0
83 02 24	Smithers	High School	Suspected Set Fire - Motive Unknown or Unclassified	1,075,295	0	0
83 04 22	East Kootenay R.D. Non-Municipal Area	Sawmill, Planing Mill	Human Failing - Unclassified	7,000,000	0	0
83 04 23	Richmond	Apartment, Townhouse: Over 20 Units	Set Fire - Vandalism, Mischief	1,914,860	0	0
83 04 23	Prince George	Prison, Pen. for Men	Set Fire - Intimidation	750,000	0	0
83 05 04	Vancouver	Gen. Business Office	Set Fire - Vandalism, Mischief	1,529,618	0	0
83 05 15	Vancouver	Elementary School	Set Fire - Motive Unknown or Unclassified	2,400,000	0	0
83 05 20	Kamloops	General Warehouse	Set Fire - Cover-up Crime	566,161	1	0
83 07 15	Alberni-Clayoquot R.D Non-Mun. Area	Misc. Institutional - Unclassified	Automatic Control Failure	1,725,000	0	0
83 08 12	Vancouver	Book, Stationery Store	Set Fire - Vandalism, Mischief	1,668,127	0	0
83 08 30	Prince Rupert	Clothing Store	Misc. Act or Omission - Unclassified	1,156,000	0	0
83 09 21	Penticton	Food Processing - Unclassified	Act or Omission - Unknown	1,968,316	2	0
83 10 13	Nanaimo	Furniture Storage	Arson Fire - Financial Gain	906,633	0	0
83 10 13	Nanaimo	Furniture Storage	Human Failing - Unclassified	898,112	0	0
83 10 23	Vancouver	Cold Storage	Electrical Short Circuit	635,800	0	0
83 11 05	Merritt	Sawmill, Planing Mill	Set Fire - Motive Unknown or Unclassified	650,000	0	0
83 11 17	Hatequi	Canning, Preserving	Suspected Set Fire - Motive Unknown or Unclassified	3,500,000	0	0
83 12 01	North Okanagan R.D Non-Mun. Area	Motor Vehicle Repairs	Ignorance of Hazard	975,000	0	0
83 12 10	Maple Ridge	Sawmill, Planing Mill	Human Failing - Unclassified	600,000	0	0
83 12 24	Port Edward	Canned Food (Fish) Storage	Act or Omission - Unknown	5,750,000	0	0
	23 Incidents			$39,584,402	19	0

10-YEAR PROPERTY FIRE LOSS COMPARISON, 1974 - 1984

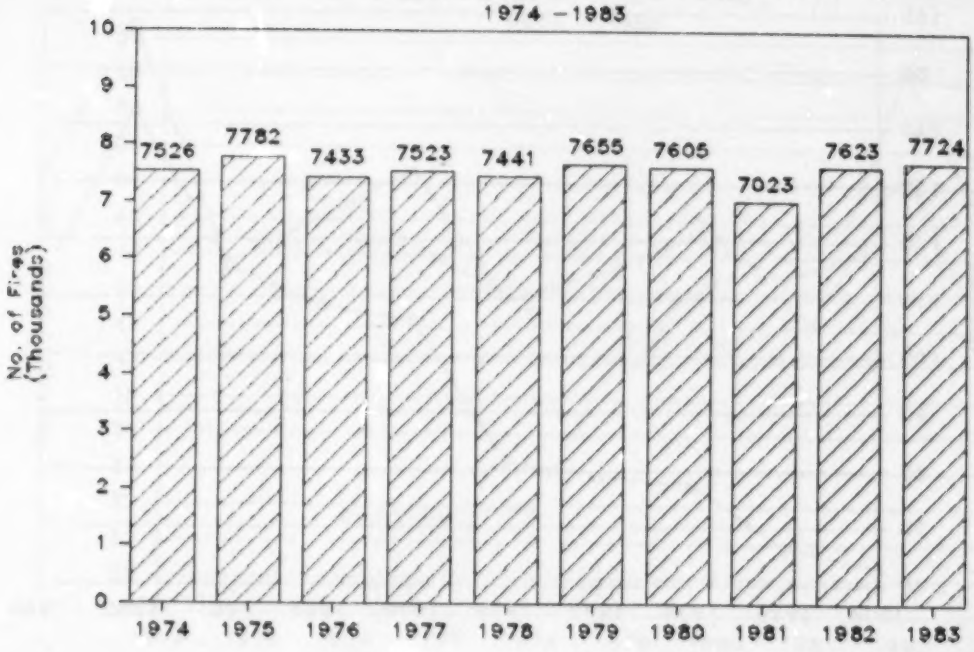
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
No. of Fires	7526	7782	7433	7523	7441	7655	7605	7023	7623	7724
Dollar Loss	$62,842,182	$66,461,246	$77,566,724	$78,746,492	$81,596,417	$105,900,046	$108,664,176	$115,709,786	$157,296,688	$131,659,496
Loss per Fire	$8,350	$8,540	$10,435	$10,467	$10,966	$13,834	$14,289	$16,476	$20,634	$17,046
Population (thousands)*	2375.7	2433.2	2466.6	2497.6	2585.8	2566.9	2636.0	2744.0	2783.0	2823.9
No. of fires/1000 persons	3.17	3.20	3.01	3.01	2.91	2.98	2.88	2.56	2.74	2.74
Per capita loss	$26.45	$27.31	$31.45	$31.53	$31.93	$41.26	$41.22	$42.17	$56.52	$46.62
CPI adjustment factor	0.53	0.59	0.64	0.69	0.74	0.88	0.88	1.00	1.11	1.17
Loss adjusted by CPI#	$119,019,284	$113,415,096	$120,621,541	$114,190,990	$109,820,211	$132,375,058	$124,187,630	$115,709,786	$142,349,944	$112,915,520
Loss/fire adj. by CPI	$15,814	$14,573	$16,224	$15,192	$14,759	$17,293	$16,330	$16,476	$18,673	$14,619
Per capita loss adjusted by CPI	$50.10	$46.60	$48.91	$45.76	$42.96	$51.56	$47.11	$42.17	$51.14	$39.99
Fire Fatalities	129	129	110	94	98	125	77	76	73	83

* Population statistics were provided by Statistics Canada. The figures for 1976 and 1981 are actual census figures. The others are estimates by Statistics Canada.

Adjustment Factor. In an effort to get a more realistic picture of losses over the years, some form of adjustment factor is necessary to take inflation into consideration. We chose the Consumer Price Index for Vancouver with 1981 = 1.00

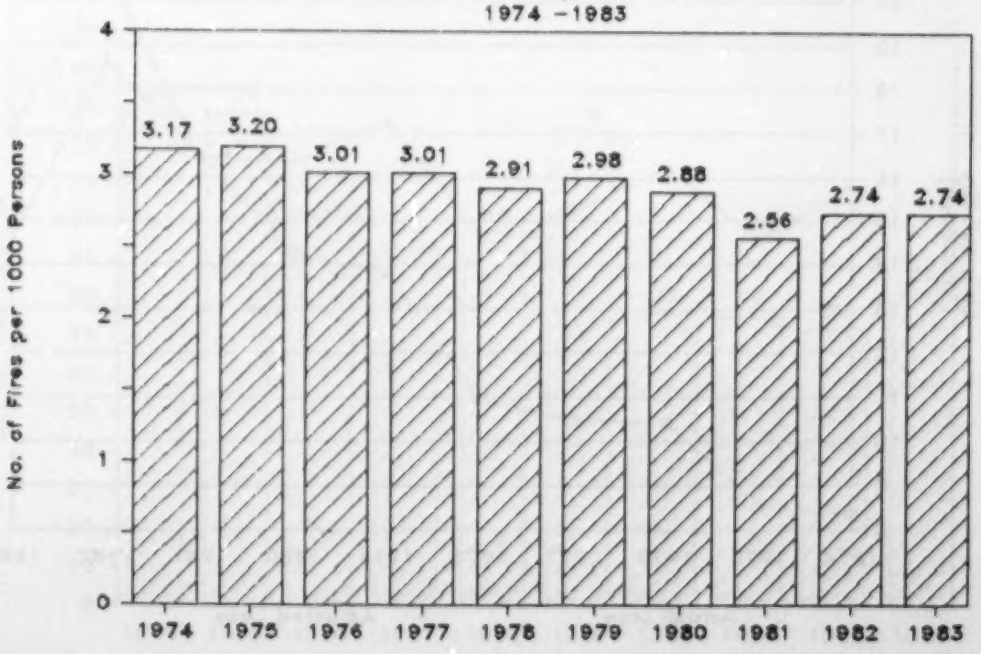
Number of Fires

1974 – 1983



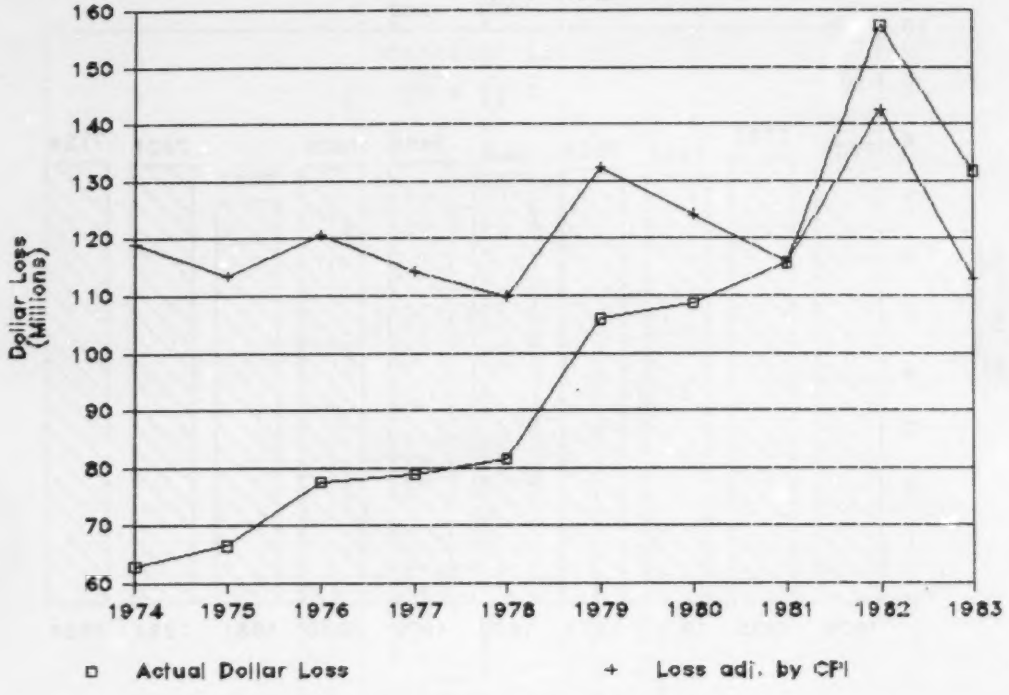
Number of Fires per 1000 Persons

1974 – 1983



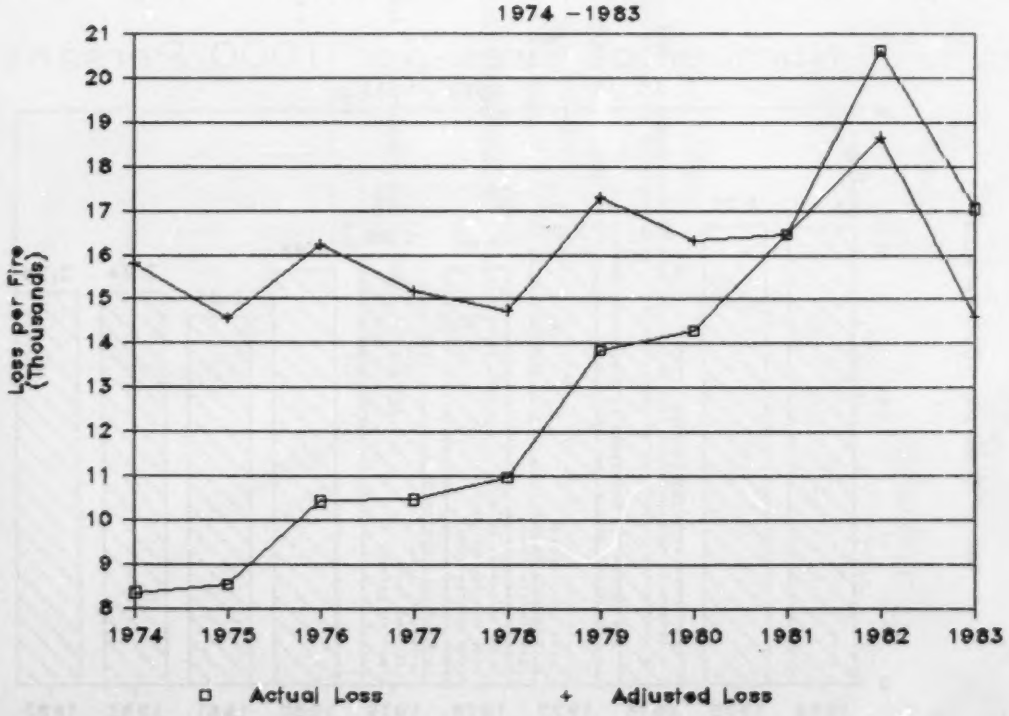
Actual & Adjusted Dollar Losses

1974 –1983



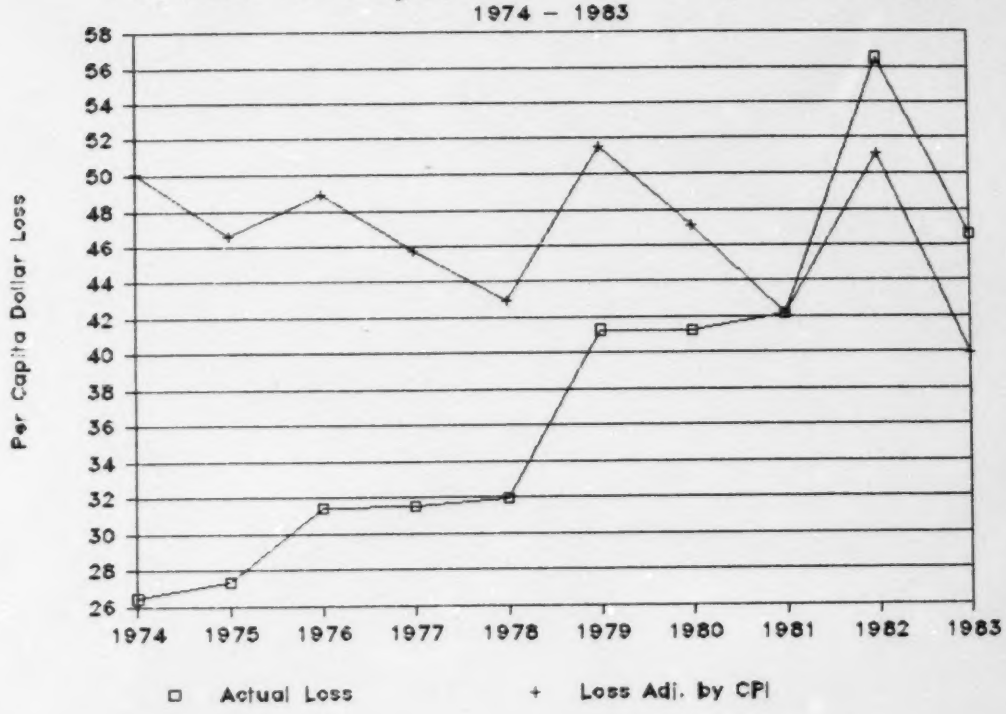
Actual & Adjusted Average Loss per Fire

1974 –1983



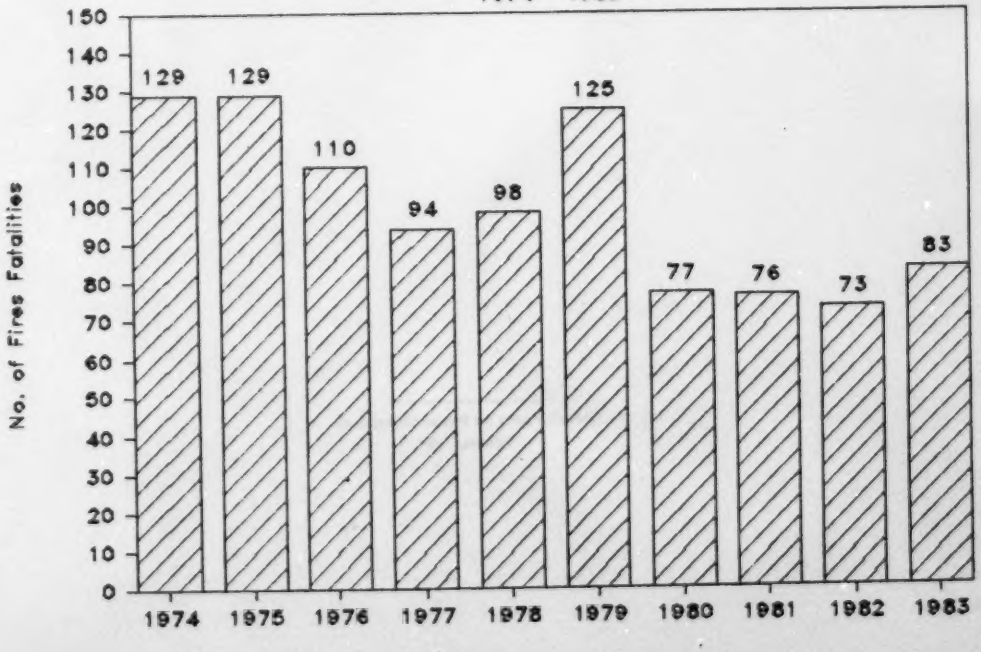
Actual & Adjusted Per Capita Losses

1974 – 1983



Number of Fire Fatalities

1974 –1983



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